

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Official  
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Applicants: John B. Harley and Judith A. James

Serial No.: 08/781,296

Group Art Unit: 1643

Filed: January 13, 1997

Examiner: Mary K. Zeman

For: *SPECIFICATION OF DIAGNOSTICS AND THERAPY OF EPSTEIN-BARR VIRUS  
IN AUTOIMMUNE DISORDERS*Assistant Commissioner for Patents  
Washington, D.C. 20231**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicants submit a Supplemental Information Disclosure Statement, including two (2) pages of Form PTO-1449. All of the documents cited below were cited by or submitted to the Patent Office in Application Serial No. 08/160,604, filed November 30, 1993, to which the present application claims priority. Pursuant to 37 C.F.R. §1.98(d), Applicants did not submit copies of these publications with the Information Disclosure Statements filed on February 8, 1998, and January 14, 1999. These outstanding documents have not been considered and are being cited again as requested by the Examiner. As directed by Examiner Zemen in a telephone conversation on May 21, 1999,

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SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

Applicants are not enclosing copies of the cited documents. Copies, however, will be provided upon request.

It is believed that no fee is required with this submission. However, should a fee be required, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 01-2507.

#### Foreign Documents

<u>Number</u>	<u>Publication Date</u>	<u>Country</u>
WO 88/09932	06-03-1988	PCT
WO 91/11718	08-08-1991	PCT

#### Publications

BARAKET, et al., "IgG Antibodies From Patients with Primary Sjogren's Syndrome and systemic Lupus Erythematosus Recognize Different Epitopes in 60-kD SSA/Ro Protein," *Clin. Exp. Immunol.* 89:38-45 (1992).

BEN-CHETRIT, et al., "Isolation and Characterization of a cDNA Encoding the 60-kD Component of the Human SS-A/Ro Ribonucleoprotein Autoantigen," *J. Clin. Inv.* 83:1284-1292 (1997).

CHAMBERS, et al., "Isolation and analysis of cDNA Clones Expressing Human Lupus La Antigen," *Proc. Natl. Acad. Sci. USA* 82:2115-2119 (1985).

CHAN, et al., "Ribonucleoprotein SS-B/La belongs to a Protein Family with Consensus Sequences for RNA Binding," *Nucl. Acids Res.* 17:2233-2244 (1989).

DICKEY, "Human Autoantibody Producing Grafts in SCID Mice," presented to the Oklahoma Lupus Association, Inc., Sept. 1, 1989.

ELKON, et al., "Epitope Mapping of Recombinant HeLa SmB and B' Peptides Obtained by the Polymerase Chain Reaction," *J. of Immun.* 145:636-643 (1990).

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HARDGRAVE, et al, "Antibodies to Vesicular Stomatitis Virus Proteins in Patients with Systemic Lupus Erythematosus and in Normal Subjects," *Arthritis and Rheumatism* 36(7):962-970 (1993).

KAUFMAN, et al., "In Vivo Binding of Gram-Negative Bacterial Peptides to Hla-B27: A Possible Relationship to Anklosing Spondylitis Pathogenesis", *Arthritis Rheum* 39:S298 (1996).

MCALLISTER, et al., "cDNA Sequence of the rat U snRNP-associated Protein N: Description of a Potential Sm Epitope," *EMBO J.* 8:1177-1181 (1989).

SCHAACK, "Molecular Mimicry in HLA-B-27-Related Arthritis," *Annals of Internal Medicine* 111(7):581-591 (1989).

SHARPE, et al., "Isolation of cDNA Clones Encoding the Human Sm B/B' Auto-Immune Antigen and Specifically Reacting with Human Anti-Sm Auto-", *FEBS Lett.* 250:585-590 (1989).

STURGESS, et al., "Characteristics and Epitope Mapping of a Cloned Human Autoantigen La," *J. Immun.* 3212-3218 (1988).

YAMAMOTO, et al., "Isolation and Characterization of a Complementary DNA Expressing Human U1 Small Nuclear Ribonucleoprotein C Polypeptide," *J. Immun.* 140:311-317 (1988).

The Medical Letter on Drugs and Therapeutics 37(951):55-57 (1995).

#### Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

## Complete if Known

Application Number	08/781,296
Filing Date	January 13, 1997
First Named Inventor	John B. Harley
Group Art Unit	1643
Examiner Name	Mary K. Zeman
Attorney Docket Number	OMRF 161

Sheet 1 of 2

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office.*	Number*	Kind Code* (if known)				
		WO	91/11718	A1		08-08-1991		
		WO	88/09932			06-03-1988		

## OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cit and/or country where published	T <sup>2</sup>
		BARAKET, et al., "IgG Antibodies From Patients with Primary Sjogren's Syndrome and systemic Lupus Erythematosus Recognize Different Epitopes in 60-kD SSA/Ro Protein," <i>Clin. Exp. Immunol.</i> 89:38-45 (1992).	
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		CHAMBERS, et al., "Isolation and analysis of cDNA Clones Expressing Human Lupus La Antigen," <i>Proc. Natl. Acad. Sci. USA</i> 82:2115-2119 (1985).	
		CHAN, et al., "Ribonucleoprotein SS-B/La belongs to a Protein Family with Consensus Sequences for RNA Binding," <i>Nucl. Acids Res.</i> 17:2233-2244 (1989).	
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		ELKON, et al., "Epitope Mapping of Recombinant HeLa SmB and B' Peptides Obtained by the Polymerase Chain Reaction," <i>J. of Immun.</i> 145:636-643 (1990).	

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STATEMENT BY APPLICANT**

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